

VENABLE, BAETJER, HOWARD & CIVILETTI, LLP
Incorporating professional corporations

1100 New York Avenue, N.W., Suite 300 East
Washington, D.C. 20005-3955
(202) 414-4000, Fax (202) 414-4040
Telex 64267
www.venable.com

OFFICES IN

MARYLAND
WASHINGTON, D.C.
VIRGINIA

Robert J. Frank
(202) 414-4013
rjfrank@venable.com

VENABLE
ATTORNEYS AT LAW

January 13, 1999

Assistant Commissioner for Patents
Washington, D.C. 20231
ATTENTION: Box PATENT APPLICATION

Attorney Docket No. OKI 4646.01

Re: New Patent Application
Inventor(s): Yasutaka SAKAINO, Jouji KATO and
Yoshiaki UMEZAWA

Sir:

Please find attached hereto an application for patent which includes:

Specification, Claims, Abstract of the Disclosure,
Declaration, Power of Attorney and Information Disclosure
Statement with Form PTO-1449.

Priority Documents, the rights of priority of which are
claimed herewith under 35 U.S.C. 119:

Japanese Appln. No. 021021/98 filed January 23, 1998.

Drawings: 6 Sheets Formal Drawings (Figs. 1 - 6)

Fee (see formula below) - Check Enclosed:

Basic Fee \$760.....	\$760.00
Additional Fees:	
Total number of claims in excess of 20 <u>0</u> times \$22	\$ -0-
Number of independent claims <u>4</u> (1, 3, 6 and 14)	
in excess of 3: <u>1</u> times \$78.....	\$ 78.00
Multiple Dependent Claim \$135/270.....	\$ -0-
An assignment and cover sheet is likewise enclosed;	
Recording Fee.....	\$ 40.00

TOTAL FEES FOR THE ABOVE APPLICATION... \$878.00

In the event there is attached hereto no check, or a check
for an insufficient amount, please charge the fee to our Account
No. 19-3700 and notify us accordingly.

Respectfully submitted,

Robert J. Frank
Robert J. Frank
(Registration No. 19,112)

RJF:jh

JCS98 U.S. PTO
09/229628
01/13/99

09229628-011399

VENABLE, BAETJER, HOWARD & CIVILETTI, LLP
Including professional corporations

1100 New York Avenue, N.W., Suite 300 East
Washington, D.C. 20005-3955
(202) 414-4000, Fax (202) 414-4040
Telex 64267
www.venable.com

VENABLE
ATTORNEYS AT LAW

OFFICES IN

MARYLAND
WASHINGTON, D.C.
VIRGINIA

Robert J. Frank
(202) 414-4013
rjfrank@venable.com

JCS30 U.S. PRO
09/229628
01/13/99

TO THE ASSISTANT COMMISSIONER
FOR PATENTS
WASHINGTON, D.C. 20231
BOX ASSIGNMENT

Attorney
Reference: OKI 4646.01

REQUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. 3.28 AND 3.31

Please record the attached original document(s) or copy(ies) thereof.

1. Name of parties conveying the interest:
Yasutaka SAKAINO, Jouji KATO and Yoshiaki UMEZAWA
2. Name and address of party receiving the interest:
Oki Electric Industry Co., Ltd.
7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan
3. Description of the interest conveyed or transaction to be recorded:
[X] Assignment [] Other:
4. Application Number: To be Assigned
Patent Number:
Registration Number:
[X] Document filed together with a patent application executed on
November 25, 1998
5. Address correspondence concerning this request to: VENABLE, Suite 300 East,
1100 New York Avenue, N.W., Washington, D.C. 20005-3955
6. Number of Applications, Patents or Registrations and total fee:
Patents: 1 patent rights @ \$40 Total: \$40.00
If no fee is attached, or if a greater or lesser fee is required, please
charge or credit our Account No. 19-3700.
7. Date of execution of document: November 30, 1998
8. If document is an assignment of a trademark right to an assignee who
is not domiciled in the United States, such assignee has designated a
domestic representative
[] per attached designation [] other:
9. To the best of knowledge and belief of the undersigned, the foregoing
information is true and correct and any attached copy is a true copy of
the original document.
10. Date: January 13, 1999

Robert J. Frank

Name: Robert J. Frank

Registration Number: 19,112

RJF/jh